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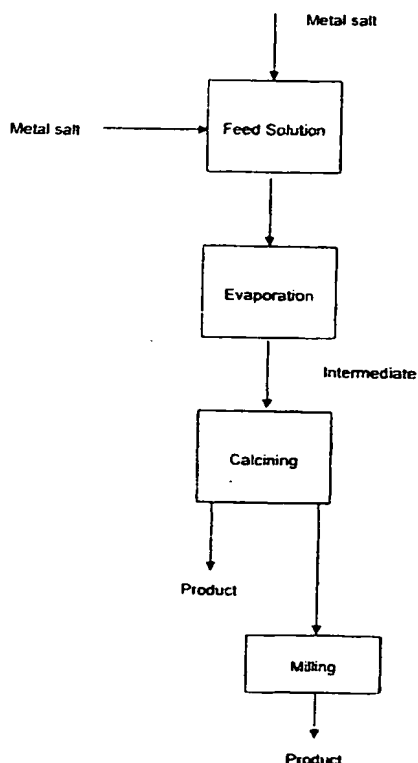
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[Continued on next page]

(54) Title: METHOD FOR PRODUCING MIXED METAL OXIDES AND METAL OXIDE COMPOUNDS



(57) Abstract: A process to produce mixed metal oxides and metal oxide compounds. The process includes evaporating a feed solution that contains at least two metal salts to form an intermediate. The evaporation is conducted at a temperature above the boiling point of the feed solution but below the temperature where there is significant crystal growth or below the calcination temperature of the intermediate. The intermediate is calcined, optionally in the presence of an oxidizing agent, to form the desired oxides. The calcined material can be milled and dispersed to yield individual particles of controllable size and narrow size distribution.



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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C01B13/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 00531 A (BHP MINERALS INT INC) 4 January 2001 (2001-01-04) cited in the application page 4, line 9 - line 17 ---	1
A	US 4 649 037 A (FANELLI ANTHONY J ET AL) 10 March 1987 (1987-03-10) column 3, line 43 -column 7, line 10 ---	1
A	US 4 009 124 A (LAURER PETER RUDOLF ET AL) 22 February 1977 (1977-02-22) cited in the application claim 2 ---	1
A	EP 0 646 974 A (PIRELLI CAVI S.P.A.) 5 April 1995 (1995-04-05) claim 1 ---	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 114 702 A (PEDERSON LARRY R ET AL) 19 May 1992 (1992-05-19) claim 1 -----	1

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Information on patent family members

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